

ABSTRACT

A fuel management system detects theft of fuel from the fuel tank (81) of a working machine (1) or insertion of foreign matter into the fuel tank, and issues an alarm. The total operating hours of the working machine (1) and the actual volume and weight of the contents of the fuel tank (81) are measured immediately after the start and stop of the working machine (1), and transmitted to a server (10) which calculates the fuel consumption amount from the total operating hours, calculates the volume and weight of the fuel assumed to remain in the fuel tank (81) from the fuel consumption amount, and compares the calculated volume and weight with the actual volume and weight. If a large difference is detected in the volume or weight, an alarm is transmitted to a user terminal (20) and to the working machine.